## IAP6 Rec'd PCT/PTO 29 SEP 2006

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

	TRA	NSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER										
1		ESIGNATED/ELECTED OFFICE (DO/EO/US)	042881-0227										
`		DNCERNING A FILING UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (1/20), 1°5°C5R. 1.5) 9 9										
INT	ERNATIO	NAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED										
	PCT/IB20	05/002479 4/1/2005	4/1/2004										
	TITLE OF INVENTION MUCINOUS GLYCOPROTEIN (MUC-1) VACCINE												
APF	APPLICANT(S) FOR DO/EO/US												
Δnn	B. Michael Longenecker  Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:												
1.	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.												
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.											
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.											
4.		The US has been elected (Article 31).											
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371(c)(2))											
		is attached hereto (required only if not communicated by the Interr	national Bureau).										
		has been communicated by the International Bureau.	een communicated by the International Bureau.										
		is not required, as the application was filed in the United States Receiving Office (RO/US)											
6.		An English language translation of the International Application as filed (3	5 U.S.C. 371(c)(2)).										
		is attached hereto.											
_	<b>5</b> 21	has been previously submitted under 35 U.S.C. 154(d)(4).	i-l- 40 (05 H C C 274(-)(0))										
7.	$\boxtimes$	Amendments to the claims of the International Application under PCT Art  are attached hereto (required only if not transmitted by the International Application under PCT Art											
		have been communicated by the International Bureau.	ilonal Barcaa).										
		have not been made; however, the time limit for making such ame	ndments has NOT expired.										
		have not been made and will not be made.											
8.		An English language translation of the amendments to the claims under F	PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).											
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article											
		36 (35 U.S.C. 371(c)(5)).											
		0 below concern other document(s) or information included:	00.00										
11.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98, PTO/	·										
		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included											
13.		A preliminary amendment.											
14.		An Application Data Sheet under 37 CFR 1.76.											
1		A substitute specification.											
16.		A power of attorney and/or change of address letter.											
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825											
18.		A second copy of the published international application under 35 U.S.C. 1	` ' ' '										
19.		A second copy of the English language translation of the international appl	ication under 35 U.S.C. 154(d)(4).										
20.	$\boxtimes$	Other items or information: International Search Report											
FORM PTO-1390 (Modified)													

## IAP2 Rec'd PCT/PTO 29 SEP 2006

10/594992

The following fees have been submitted:  21.		TION NO. (If kn	own, see 37 CF	R. 1.5)					EY'S DOCKET NUMBER					
21.   Basic national fee   \$300   \$ 300.00	Unassigned PCT/IB2005/002479							042881-0227						
22.	•													
If International preliminary examination report prepared by USPTO and all claims salisty provisions of PCT Article 33(1)-(4) \$200 \$\$    All other situations   \$200										300.00	4			
All other situations	If Internati	ional prelimi	nary examir		\$	200.00								
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500 \$ 400.00  TOTAL OF ABOVE 21, 22 and 23 = \$900.00  Additional fee for specification and drawings filled in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra sheets Number of each additional 50 or fraction thereof (round up to a whole number)  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the \$130.00  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the \$130.00  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$130.00  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$130.00  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$300.00 \$200.00  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$300.00 \$200.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are + \$0.00  Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(ii)).  TOTAL OF ABOVE CALCULATIONS = \$1730.00  Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(ii)). The assignment must be \$200.00 \$200.00  Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.21(iii)). The assignment must be \$200.00  Processing fee of 130.00 for furnishing the English translation on this form the earliest claimed priority date (37 CFR 1.21(iii)). The assignment must be \$200.00  Processing fee of 130.00 for furnishing the English translation on this form the earliest claimed priority date (37 CFR 1.21(iii)). The assignment must be \$200.00  TOTAL to cover the above fees is enclosed.  T			111010 00(1)											
USPTO as an International Search Report prepared and provided to the Office \$400    International Search Report prepared and provided to the Office \$400   TOTAL OF ABOVE 21, 22 and 23 = \$900.00     TOTAL OF ABOVE 21, 22 and 23 = \$900.00     Additional fee for specification and drawings filled in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is 5 for each additional 50 sheets of paper or fraction thereof.   Total Sheets   Extra sheets   Number of ach additional 50 or fraction thereof.     Total Sheets   Extra sheets   Number of ach additional 50 or fraction   RATE thereof (round up to a whole number)     56 - 100 = 1														
International Search Report prepared and provided to the Office \$400   All other situations \$500   \$500   \$400.00    TOTAL OF ABOVE 21, 22 and 23 = \$900.00    Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is 5 for each additional 50 sheets of paper or fraction thereof.  Total Sheets   Extra sheets   Number of each additional 50 or fraction   FATE   thereof (round up to a whole number)    55														
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thereof (round up to a whole number)  56 - 100 = 0 /50 = 0 0 x \$250.00 \$ 0.00  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total Claims 30 - 20 = 10	sequ	ence listing	or compute											
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Total Claims 30 -20 = 10				from the	\$	130.00								
Independent Claims 4 -3 = 1	CLA	NIMS	NUMBER	FILED	NUMBER EXTRA	ı	RAT	Έ	\$					
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$ 360.00 \$  TOTAL OF ABOVE CALCULATIONS = \$ 1730.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are + \$ 0.00 reduced by ½.  SUBTOTAL = \$ 1730.00  Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1730.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property  TOTAL FEES ENCLOSED = \$ 1730.00  Amount to be refunded: charged:  a.	Total	Claims	30	- 20 =	10	x\$		50.00	\$	500.00				
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Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$ 1730.00  Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1730.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property  TOTAL FEES ENCLOSED = \$ 1730.00  Amount to be refunded: charged:  a. □ A check in the amount of 1730.00  TOTAL to cover the above fees is enclosed.  b. □ Please charge my Deposit Account No. 19-0741 in the amount of 1730.00  TOTAL to cover the above fees which may be required, or credit any overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed.  c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0741. A duplicate copy of this sheet is enclosed.  d. ☒ Fees are to be charge to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met. a petition to revive (37 CFR	MULTIPLI	E DEPEND	ENT CLAIM	(S) (if ap	plicable)	+\$		360.00	\$					
reduced by ½.  SUBTOTAL = \$ 1730.00  Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).  TOTAL NATIONAL FEE = \$ 1730.00  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property  TOTAL FEES ENCLOSED = \$ 1730.00  Amount to be refunded: charged:  a.					TOTAL OF ABOV	E CALCL	JLA.	TIONS =	\$	1730.00	<u> </u>			
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NOIE: where an appropriate time limit under 37 GFR 1.495 has not been met, a petition to revive (37 GFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.	,,,,,,,,	2038.												
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SEND ALL CORRESPONDENCE TO:	SEND A	LL CORRE	NCE TO	<b>)</b> :			SIGNATURE							
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Customer Number 22429		-			3			Michele M. Simkin						
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September 29, 2006 <u>34,717</u> REGISTRATION NUMBER		Septemb	er 29, 200	ATION NUMBER										